



# OrganiCam will search for life in space

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## OrganiCam is designed to pick up biological samples that emit fluorescence — and it can go places other instruments can't

In a new [YouTube video](#), the Laboratory introduces a miniature but mighty instrument called OrganiCam.

Outfitted with a pulsed laser and a camera, OrganiCam is designed to pick up biological samples that emit fluorescence — and it can go places other instruments can't (such as lava tube caves).

"OrganiCam is a revolutionary, compact instrument that could be used to detect organic material here on Earth or to discover it on other planets," said planetary scientist Roger Wiens.

In the [video](#), you'll hear from these OrganiCam innovators:

- Radiobiologist Kumkum Ganguly
- Planetary scientist Patrick Gasda
- R&D laser engineer Adriana Reyes-Newell
- R&D engineer Benigno Sandoval
- Planetary scientist Roger Wiens

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